THINKPAD
L420/L520 NOTEBOOK

Lenovo® recommends Windows® 7 Professional.

THE LENOVO® THINKPAD® L420 AND L520 NOTEBOOKS

EXTREMELY RELIABLE, BUSINESS-CLASS PERFORMANCE.
REAL VALUE. ENHANCED EXPERIENCE.

Built for reliability and optimized performance, Lenovo introduces the ThinkPad L420 and L520 now available at a low acquisition cost, for ThinkPad corporate users. The ThinkPad L420 and L520 are tested thoroughly to ensure complete functionality at high and low temperatures, humidity, blowing dust, vibration, mechanical shock and thermal shock. In addition to these Military specifications, Lenovo pushes the limits with its own internal testing, producing excellent long term value for the customer. The new metal hinge and latch-less design work together seamlessly to provide consistent durability with less breakable parts.

The ThinkPad L420 and L520 are green, mainstream ThinkPads available today with materials made from post-consumer recycled content, 100% recyclable packaging and improved power efficiency, less CO_2 emissions, coupled with an easy power management tool to keep operating costs down.

TOP REASONS TO OWN

- #1 ThinkPad Engineering for Reliability
- Best Enterprise-Class ThinkPad Price
- Lenovo's Enhanced Experience
- Smart Security Solutions
- Eco-friendly, Green Computing

1 Available for L420 and selected model only

Running the new 2nd generation Intel® Core™ processors with Hyper-Threading technology and TurboBoost+, the new ThinkPad L series has up to 20% faster performance and 40% more battery life. The L420 and L520 takes the multimedia and VOIP/Videoconferencing experience one step further by going HD in camera, speakers, displays, audio and even ATI Mobility Radeon™ HD 565v Discrete Graphics (1GB VRAM)[1].

Supported by Lenovo's best-in-class ThinkVantage® Technology, ThinkPad L420 and L520 allow you to select from a list of ready-to-install tools for diagnosing the system, managing wireless networks and managing power settings. These easy-to-access and simple-to-use tools help to monitor system health. Invest in the L420 and the L520 to discover the long-term benefits of owning an environment friendly, highly reliable Notebook with all thefeatures you need.

LENOVO ENHANCED EXPERIENCE 2.0 FOR WINDOWS® 7. FASTER AND OPTIMIZED FOR BUSINESS.

Lenovo Enhanced Experience 2.0 for Windows® 7 uses RapidBoot technology to start your PC on average 20 seconds faster than a typical Windows® 7 computer*. And with superior web conferencing and robust security features, you'll benefit from increased productivity at the office. Find out more at www.lenovo.com/win7ee

*Compares averaged data from Lenovo EE 2.0 PCs with averaged data from 42 competitor products of similar configuration. Testing conducted by CNET Labs, Beijing in November 2010, using the independent Microsoft VTS tool to measure start-up, shutdown, resume and other Windows® 7 performance measurements. Data from competitor and Lenovo PCs were averaged and compared to calculate the claims used. Performance will vary by model and configuration.

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FAST MAINSTREAM PRODUCTIVITY

The ThinkPad® L420 and L520 Notebooks are highly reliable and come packed with the latest technology for better performance with:

- 20% faster performance with Intel® second-generation Core™ i3, i5 and i7 processors
- 30% faster boot up and shut down with Lenovo® Enhanced Experience 2.0 for Windows® 7 and Lenovo Rapid Drive technology
- Up to 40% battery life improvement
- Up to 15% faster wireless WWAN connectivity[1]
- Common ThinkPad docking and batteries

COMPUTING WITH PEACE OF MIND

The ThinkPad L420 and L520 provide a secure working environment for complete peace of mind by adding:

- Fingerprint Reader enhanced with features to easily access the system and BIOS
- BIOS port locking and Computrace® to keep the Notebook and your data safe
- Encrypting drives, Trusted Platform Module and Secure Manage Client for extra layers of security to the Notebook
- New Optional Smart Card Reader to enable additional security

EXCELLENT MULTIMEDIA AND COMMUNICATION

The ThinkPad L420 and L520 make displaying business presentations and attending online conferences a pleasant experience using:

- Intel® HD Graphics for twice the graphics capabilities and Intel® Wireless Display for hassle free wireless video
- Digital array microphone with full-duplex phone support for Internet phone calls
- New Conference Room and Private Chat microphone modes for clearer communication
- Keyboard noise reduction and echo cancellation technology

GREENER COMPUTING

The ThinkPad L420 and L520 are optimized to be most environment friendly with greener performance:

- Less CO_2 emissions and improved energy consumption
- 20% reduction in packaging material and 100% recyclable packaging
- Most ThinkPad post-consumer recycled content
- Energy Star® certified

THINKPLUS® SUPPORT

Lenovo's award winning Warranty Service and Support optimizes productivity and end-user satisfaction by helping you concentrate more on your business objectives.

- **ThinkPlus Warranty Onsite NBD Upgrades**
  Maximizes PC uptime and productivity by providing convenient and fast repair services at your place of business.
- **Warranty Extensions (1 year to 3 years)**
  Helps accurately budget for PC expense, protects your investment and lowers the overall TCO with a fixed-term, fixed-cost service solution.

THINKPLUS PROTECTION

Lenovo's Protection Services help you avoid unbudgeted repair costs, secure your data, save money and achieve peace of mind.

- **ThinkPad Protection (TPP)**
  Provides coverage for unexpected damage, unintentional drops and minor spills, thereby helping you eliminate unplanned repair costs.
- **Hard Disk Drive Retention**
  Allows you to retain the hard drive, should it happen to fail, thus helping you protect your valuable data.

1 Lenovo Instant Resume mode to continuously maintain wireless connectivity while the notebook is on standby

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The Lenovo® ThinkPad® L420 and L520 Notebook Specifications

DESCRIPTION	L420	L520
Processor	Intel® Core™ i5-2520M 2.50GHz (up to 3.20GHz with Turbo Boost Technology) Intel® Core™ i5-2540M 2.60GHz (up to 3.30GHz with Turbo Boost Technology) Intel® Core™ i7-2620M 2.70GHz (up to 3.40GHz with Turbo Boost Technology)	Intel® Core™ i3-2310M 2.1GHz Intel® Core™ i5-2410M 2.3GHz
Preloaded OS (Operating System)	Genuine Windows® 7 Professional 32-bit Genuine Windows® 7 Professional 64-bit Genuine Windows® 7 Home Premium 64-bit	
Chipset	Mobile Intel® HM65 Express Chipset	
Display	14.0" HD Anti-glare LED Display, 16:9 Aspect Ratio	15.6" HD Anti-glare LED Display,16:9 Aspect Ratio 15.6" HD+ Anti-glare LED Display,16:9 Aspect Ratio
Memory	DDR3 1333MHz (up to 8GB)	
Weight	2.3kg with a 6-cell battery	2.6kg with a 6-cell battery
Form Factor (W x D x H)	344mm x 233mm x 32.0mm-36.0mm	380mm x 247mm x 32.0mm-36.0mm
I/O (Input/Output) Ports and Slots	4 USB 2.0 (1 Powered USB) 1 Always-On USB 2.0 with yellow marking 1 eSATA	54/34mm ExpressCard and Smart Card option 1 MultiMedia Card Reader 1 Display port with audio
Camera	Integrated HD 720p Camera	
Optical Drive	Multi Burner/DVD CD Multi Recording	
Multimedia	Mic mute, HD audio, FN+F6 function key and Combo headphone/microphone jack	
Graphics GPU	Intel® HD Graphics 3000 processor graphics with dynamic frequency ATI Mobility Radeon™ HD 565v Discrete Graphics (1GB VRAM)	Intel® HD Graphics 3000 processor graphics with dynamic frequency
Wireless LAN	Intel® Centrino® Ultimate-N 6300 3x3 AGN Intel® Centrino® Advanced-N 6205 2x2 AGN ThinkPad BGN	
WWAN (Optional)	Mobile Broadband (Ericsson F5521gw) with 21Mbps D/L	
HDD	250GB / 320GB (5400rpm SATA) 320GB / 500GB (7200rpm SATA) 250GB (7200rpm SATA FDE)[1]	
Solid State Drive (SSD)	80GB mSATA SSD[2]	128GB SSD
Battery Life	Up to 7 Hours with a 6 Cell Battery (Integrated models)	Up to 6.6 Hours with a 6-Cell Battery (Integrated models)

1 Available in selected model only
2 Combination of any HDD or SSD with the 80GB mSATA gives you Lenovo Rapid Boot technology (80GB mSATA SSD is in addition to other hard drives and fits in the WWAN slot, not available with WWAN).

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The Lenovo® ThinkPad® L420 and L520 Software

READY TO INSTALL

- ThinkVantage® Toolbox v1.4
- Lenovo ThinkVantage Tools v2.0
- ThinkVantage Rescue & Recovery® 4.3
- ThinkVantage Product Recovery 9.0
- ThinkVantage Password Manager 4.0
- ThinkVantage Utilities Musashi 1.0
- ThinkVantage Access Connections™
- ThinkVantage System Update 4.0
- ThinkVantage SimpleTap
- Hardware Password Manager
- ImageUltra™ Builder
- System Migration Assistant 6.0
- Client Security Software 8.3

PRE-LOADED APPLICATIONS

- Microsoft® Office Starter 2010
- Microsoft® Live Essentials
- Norton® Internet Security (30-day trial)
- Skype™ Application 4.2
- Corel DVD Movie Factory
- Corel Burn Now
- Intervideo® WinDVD®

Notebook Options

Lenovo 90W Ultraslim AC/DC Combo Adapter (41R4501)

ThinkPad Battery 55+ 6-cell (57Y4185)
ThinkPad Battery 55++ 9-cell (57Y4186)

ThinkPad Bluetooth® Laser Mouse (41U5008)

ThinkPad In-Ear Headphones (57Y4488)

ThinkPad USB Portable Secure Hard Drive
43R2018 160GB
43R2019 320GB

1GB PC3-10600: 55Y3709
2GB PC3-10600: 55Y3710
4GB PC3-10600: 55Y3711

ThinkPad Port Replicator Series 3 (4336-10W)
ThinkPad Mini Dock Series 3 (45N6687)
ThinkPad Mini Dock Plus Series 3 (45N6702)

Lenovo Power Hub (57Y4612)

ThinkPad Business Topload Case (43R2476)
ThinkPad Business Backpack (43R2482)

Kensington MicroSaver Cable Lock from Lenovo (73P2582)

GemPlus 54mm ExpressCard Smart Card Reader from Lenovo (41N3043)

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